

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 1 | 1 | 5568013.pn. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/20 11:10 |
| 2 | 1 | 5568013.pn. and (recess chamber) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/20 11:12 |
| 3 | 1 | 5568013.pn. and (recess chamber "80" "86" "82" "92" "88" "90") | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/20 11:42 |
| 4 | 2 | 5568013.URPN. | USPAT | 2003/11/20 11:25 |
| 5 | 11 | (250/214VT).CCLS. | US-PGPUB | 2003/11/20 11:46 |
| 6 | 1028 | (250/214VT).CCLS. | USPAT | 2003/11/20 11:43 |
| 7 | 11 | (250/214VT).CCLS. | US-PGPUB | 2003/11/20 12:04 |
| 8 | 448 | (313/103R).CCLS. | USPAT | 2003/11/20 12:05 |
| 9 | 185 | (313/104).CCLS. | USPAT | 2003/11/20 12:39 |
| 10 | 449 | (313/105r).CCLS. | USPAT | 2003/11/20 12:40 |
| 11 | 900 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) | USPAT | 2003/11/20 12:40 |
| 12 | 906 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) | USPAT; US-PGPUB | 2003/11/20 12:40 |
| 13 | 1044 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R) or (313/104)).CCLS.) | USPAT; US-PGPUB | 2003/11/20 12:41 |
| 14 | 364 | ((313/105r).CCLS.) not (((313/532) or (313/538) or (313/541) or (313/544) or (313/103R) or (313/104)).CCLS.)) | USPAT; US-PGPUB | 2003/11/20 13:18 |
| 15 | 1 | 3039017.pn. | USPAT; US-PGPUB | 2003/11/20 13:29 |
| 16 | 126 | (313/538).CCLS. | USPAT; US-PGPUB | 2003/11/20 13:29 |
| 17 | 0 | ((313/538).CCLS.) not (((313/532) or (313/538) or (313/541) or (313/544) or (313/103R) or (313/104)).CCLS.)) not ((313/105r).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/20 13:29 |
| - | 2 | ("5635706").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 09:56 |
| - | 881 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS. | USPAT | 2002/12/11 14:17 |
| - | 17 | francke-tom.in. peskov-vladimir.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:23 |
| - | 1 | ("5635706").PN. | USPAT | 2002/12/09 19:03 |
| - | 3 | 5635706.URPN. | USPAT | 2002/12/09 19:00 |
| - | 11 | ("3681606" "4040900" "4104516" "4140900" "4255666" "4300046" "4413280" "5225670" "5285061" "5351279" "5365056").PN. | USPAT | 2002/12/09 19:01 |
| - | 0 | ("18 and (graze grazing brush brushing scrape scraping)").PN. | USPAT | 2002/12/09 19:04 |
| - | 9 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and (graze grazing brush brushing scrape scraping) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:24 |
| - | 2 | 3700947.URPN. | USPAT | 2002/12/09 19:05 |
| - | 9 | 3873829.URPN. | USPAT | 2002/12/09 19:05 |
| - | 7 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and angle same photocathode and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/17 19:38 |

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| - | 881 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS. | USPAT | 2003/11/18 20:56 |
| - | 7 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and angle same photocathode and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:24 |
| - | 7 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and angle same photocathode and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:24 |
| - | 17 | francke-tom.in. peskov-vladimir.in. and (graze grazing) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 13:15 |
| - | 17 | francke-tom.in. peskov-vladimir.in. and (graze grazing) with photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:52 |
| - | 0 | (francke-tom.in. peskov-vladimir.in.) and (graze grazing) with photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:50 |
| - | 0 | (francke-tom.in. peskov-vladimir.in.) and (graze grazing) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:50 |
| - | 5 | (francke-tom.in. peskov-vladimir.in.) and (angle) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 14:09 |
| - | 17 | francke-tom.in. peskov-vladimir.in. and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:52 |
| - | 17 | (francke-tom.in. peskov-vladimir.in.) and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:52 |
| - | 3 | (francke-tom.in. peskov-vladimir.in.) and avalanche and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:53 |
| - | 3 | (francke-tom.in. peskov-vladimir.in.) and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/09 19:53 |

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|---|----|--|----------------------------|------------------|
| - | 40 | (US-6472664-\$ or US-6462324-\$ or US-6380674-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6262521-\$ or US-6265812-\$ or US-6198221-\$ or US-6169360-\$ or US-5917282-\$ or US-5917281-\$ or US-5686721-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-5083017-\$ or US-4806827-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3814964-\$).did. or (US-3825922-\$ or US-3760216-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6414317-\$ or US-5997713-\$ or US-4151005-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did. | USPAT; US-PGPUB; EPO | 2002/12/10 09:39 |
| - | 36 | (US-3669550-\$ or US-3506868-\$ or US-3433944-\$ or US-3387137-\$ or US-3387162-\$ or US-3278751-\$ or US-3260876-\$ or US-3244922-\$ or US-3243642-\$ or US-3243628-\$ or US-3233140-\$ or US-3235765-\$ or US-3201630-\$ or US-3197663-\$ or US-3183390-\$ or US-3066239-\$ or US-3052797-\$ or US-3001098-\$ or US-2925511-\$ or US-2920205-\$ or US-2867729-\$ or US-2866914-\$ or US-2849635-\$ or US-2692341-\$ or US-2692948-\$ or US-2676282-\$).did. or (US-2617955-\$ or US-2537150-\$ or US-2410822-\$ or US-2217860-\$ or US-2213554-\$ or US-2206713-\$ or US-2177259-\$ or US-2107782-\$ or US-1811024-\$ or US-1759915-\$).did. | USOCR | 2002/12/10 09:39 |
| - | 14 | ((US-6472664-\$ or US-6462324-\$ or US-6380674-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6262521-\$ or US-6265812-\$ or US-6198221-\$ or US-6169360-\$ or US-5917282-\$ or US-5917281-\$ or US-5686721-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-5083017-\$ or US-4806827-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3814964-\$).did. or (US-3825922-\$ or US-3760216-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6414317-\$ or US-5997713-\$ or US-4151005-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and avalanche | USPAT; US-PGPUB; EPO | 2002/12/10 09:58 |
| - | 0 | 3912522.URPN. | USPAT | 2002/12/10 09:51 |
| - | 0 | 3912522.URPN. | USPAT | 2002/12/10 09:51 |

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| - | 5 | ((US-6472664-\$ or US-6462324-\$ or US-6380674-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6262521-\$ or US-6265812-\$ or US-6198221-\$ or US-6169360-\$ or US-5917282-\$ or US-5917281-\$ or US-5686721-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-5083017-\$ or US-4806827-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3814964-\$).did. or (US-3825922-\$ or US-3760216-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6414317-\$ or US-5997713-\$ or US-4151005-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and avalanche and photocathode | USPAT; US-PGPUB; EPO | 2002/12/10 09:59 |
| - | 10 | ((US-6472664-\$ or US-6462324-\$ or US-6380674-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6262521-\$ or US-6265812-\$ or US-6198221-\$ or US-6169360-\$ or US-5917282-\$ or US-5917281-\$ or US-5686721-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-5083017-\$ or US-4806827-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3814964-\$).did. or (US-3825922-\$ or US-3760216-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6414317-\$ or US-5997713-\$ or US-4151005-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and avalanche and (photocathode secondary adj electrons) | USPAT; US-PGPUB; EPO | 2002/12/10 10:03 |
| - | 11 | ("3020238" "3278317" "3294700" "3328181" "3449136" "3518209" "3520831" "3607321" "3740241" "3776745" "3798114").PN. | USPAT | 2002/12/10 10:01 |
| - | 0 | 3912522.URPN. | USPAT | 2002/12/10 10:01 |
| - | 11 | ("3020238" "3278317" "3294700" "3328181" "3449136" "3518209" "3520831" "3607321" "3740241" "3776745" "3798114").PN. | USPAT | 2002/12/10 10:01 |

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|---|--------|--|---|------------------|
| - | 10 | ((US-6472664-\$ or US-6462324-\$ or US-6380674-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6262521-\$ or US-6265812-\$ or US-6198221-\$ or US-6169360-\$ or US-5917282-\$ or US-5917281-\$ or US-5686721-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-5083017-\$ or US-4806827-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3814964-\$).did. or (US-3825922-\$ or US-3760216-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6414317-\$ or US-5997713-\$ or US-4151005-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and avalanche and (photocathode secondary adj electrons) | USPAT; US-PGPUB; EPO | 2002/12/10 10:14 |
| - | 5 | ((US-6472664-\$ or US-6462324-\$ or US-6380674-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6262521-\$ or US-6265812-\$ or US-6198221-\$ or US-6169360-\$ or US-5917282-\$ or US-5917281-\$ or US-5686721-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-5083017-\$ or US-4806827-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3814964-\$).did. or (US-3825922-\$ or US-3760216-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6414317-\$ or US-5997713-\$ or US-4151005-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and avalanche and (photocathode CSI) | USPAT; US-PGPUB; EPO | 2002/12/10 10:14 |
| - | 66108 | ("313").CLAS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 11:06 |
| - | 157760 | ((("313") or ("250"))).CLAS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 11:06 |
| - | 1 | photocathode same (graze grazing) and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 11:07 |
| - | 21 | photocathode same (graze grazing angle) and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 13:18 |
| - | 2 | ("4339659").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 13:00 |
| - | 6 | 4339659.URPN. | USPAT | 2002/12/10 12:44 |
| - | 2 | 4608519.URPN. | USPAT | 2002/12/10 12:48 |
| - | 4 | ("3188467" "3333133" "4131818" "4339659").PN. | USPAT | 2003/05/16 18:59 |

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| - | 2 | ("4608519").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 13:00 |
| - | 6 | photoconductor same (graze grazing angle) and avalanche not (photocathode same (graze grazing angle) and avalanche) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 13:50 |
| - | 7 | (photoconductor photocathode) same (graze grazing angle) and avalanche and readout | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 13:56 |
| - | 2 | ("3912522").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 13:56 |
| - | 11 | ("3020238" "3278317" "3294700" "3328181" "3449136" "3518209" "3520831" "3607321" "3740241" "3776745" "3798114").PN. | USPAT | 2002/12/10 14:03 |
| - | 2 | (francke-tom.in. peskov-vladimir.in.) and (angle) and (photocathode photoconductor) and readout | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 15:46 |
| - | 67712 | ("313").CLAS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 15:46 |
| - | 20 | ((313/\$).CCLS.) and cesium adj antimony with metal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 15:53 |
| - | 1 | ((313/\$).CCLS.) and cesium adj antimony with metal same opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 15:54 |
| - | 2 | ((313/\$).CCLS.) and (cesium adj antimony CsI) same opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 15:55 |
| - | 2 | ((313/\$).CCLS.) and (cesium adj antimony CsI) same opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 17:38 |
| - | 2 | ((313/\$).CCLS.) and avalanche adj amplifier | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 17:38 |
| - | 351 | ((313/\$).CCLS.) and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 19:02 |
| - | 10 | ((313/\$).CCLS.) and photocathode with mm same (improve\$5 advant\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 19:05 |

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| - | 24 | ((313/\$).CCLS.) and photocathode with (micron "mu.m") same (improve\$5 advant\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 19:21 |
| - | 2 | ((313/\$).CCLS.) and CsI with (millimeters mm micron "mu.m") same (improve\$5 advant\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 19:22 |
| - | 0 | photocathode with (mm micron mil "mu.m" millimeter) with (CsI) with (advant\$6 benef\$6 improv\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 09:58 |
| - | 2 | photocathode with (mm micron mil "mu.m" millimeter) with (CsI) same (advant\$6 benef\$6 improv\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 09:58 |
| - | 3 | photocathode with (mm micron mil "mu.m" millimeter) same (CsI) same (advant\$6 benef\$6 improv\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:00 |
| - | 6 | photocathode same (mm micron mil "mu.m" millimeter) same (CsI) same (advant\$6 benef\$6 improv\$6) not (photocathode with (mm micron mil "mu.m" millimeter) same (CsI) same (advant\$6 benef\$6 improv\$6)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:00 |
| - | 881 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS. | USPAT | 2002/12/11 10:06 |
| - | 0 | (photocathode with (mm micron mil "mu.m" millimeter) with (CsI) with (advant\$6 benef\$6 improv\$6)) and collimator same (advanta\$6 improve\$6 gain\$5 benefi\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:06 |
| - | 6 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and collimator same (advanta\$6 improve\$6 gain\$5 benefi\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:09 |
| - | 0 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and collimator adj window | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:09 |
| - | 13 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and collimator | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:12 |
| - | 67712 | ("313").CLAS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:13 |
| - | 67712 | ("313").CLAS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:13 |
| - | 942 | ((313/\$).CCLS.) and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:13 |

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| - | 17 | ((313/\$).CCLS.) and photocathode) and collimator not (((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and collimator) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:13 |
| - | 17 | ((313/\$).CCLS.) and photocathode) and collimator not (((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and collimator) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:22 |
| - | 2 | ("5940163").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:23 |
| - | 1096 | photocathode and (x-ray ionizing adj radiation) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:23 |
| - | 134 | (photocathode and (x-ray ionizing adj radiation)) and collimator | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 10:28 |
| - | 36 | (photocathode and (x-ray ionizing adj radiation)) and collimator with (advant\$6 prevent\$5 improve\$5 benef\$6 gain\$5 scatter) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:28 |
| - | 20 | planar adj beam adj radiography and x-ray | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:29 |
| - | 148 | planar adj beam and x-ray | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:30 |
| - | 5 | planar adj beam and x-ray and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:30 |
| - | 5 | planar adj beam and x-ray and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:31 |
| - | 1052 | x-ray and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:31 |
| - | 5 | (x-ray and photocathode) and planar adj beam | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:39 |
| - | 2 | ("4339659").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 13:39 |
| - | 881 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS. | USPAT | 2002/12/11 14:18 |
| - | 881 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS. | USPAT | 2002/12/11 14:18 |

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| - | 37 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and X-ray and image | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:18 |
| - | 1 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and X-ray and image) and gas with ionization | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:19 |
| - | 17 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and X-ray and image) and gas | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:22 |
| - | 3 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and X-ray and image) and avalanche and gas | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:45 |
| - | 0 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) and X-ray and image) and avalanche same (liquid fluid) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:46 |
| - | 7 | avalanche same (liquid fluid) and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:56 |
| - | 7 | (avalanche same (liquid fluid) and photocathode) and (liquid fluid) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:48 |
| - | 7 | (avalanche same (liquid fluid) and photocathode) and (liquid fluid) same avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:50 |
| - | 0 | (avalanche same (liquid fluid) and photocathode) and (liquid fluid) and avalanche not ((avalanche same (liquid fluid) and photocathode) and (liquid fluid) same avalanche) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:50 |
| - | 10 | avalanche same dielectric and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:57 |
| - | 10 | (avalanche same dielectric and photocathode) and dielectric | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 14:57 |
| - | 10 | (avalanche same dielectric and photocathode) and dielectric same avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 15:02 |
| - | 10 | (avalanche same dielectric and photocathode) and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 15:02 |
| - | 102 | avalanche and photocathode and x-ray | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 15:03 |

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| - | 102 | (avalanche and photocathode and x-ray) and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2002/12/11 15:21 |
| - | 19 | ("3668473" "3699375" "3778657" "3879626" "4015159" "4020376" "4945286" "4950939" "5086248" "5264693" "5306904" "5329110" "5568013" "5591986" "5680007" "5710435" "5747826" "5914491" "6384519").PN. | USPAT | 2002/12/11 15:05 |
| - | 8 | 5086248.URPN. | USPAT | 2002/12/11 15:07 |
| - | 56 | (avalanche and photocathode and x-ray) and avalanche and array | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2002/12/11 15:53 |
| - | 4 | ("5308987" "5349194" "5602397" "5614722").PN. | USPAT | 2002/12/11 15:29 |
| - | 24 | (avalanche and photocathode and x-ray) and avalanche and array and cathode and anode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 16:18 |
| - | 10 | avalanche adj cathode and avalanche adj anode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2002/12/11 16:46 |
| - | 25 | ("4075491" "4166957" "4253024" "4469947" "4622467" "4639941" "4707607" "4719354" "5099846" "5347130" "5391877" "5398684" "5402462" "5414622" "5521956" "5614722" "5644610" "5959302" "6000739" "6011265" "6118125" "6207958" "6337482" "6373065" "6385282").PN. | USPAT | 2002/12/11 16:19 |
| - | 2 | ("5614722").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 16:46 |
| - | 0 | ("1182 and substrate same (improv\$5 advantag\$5 benef\$5 gain\$5)").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 16:46 |
| - | 1 | ((("5614722").PN.) and substrate same (improv\$5 advantag\$5 benef\$5 gain\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 17:14 |
| - | 2 | ("5614722").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 17:27 |
| - | 1 | "4376892".PN. | USPAT | 2002/12/11 17:14 |
| - | 9 | 5614722.URPN. | USPAT | 2002/12/11 17:14 |
| - | 0 | ("photocathode with (mm micron "mu.m" nm)").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 17:28 |
| - | 434 | photocathode with (mm micron "mu.m" nm) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 17:28 |

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| - | 29 | photocathode with (mm micron "mu.m" nm) same csi | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 18:00 |
| - | 1048 | (cesium and antimony) with metal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 18:01 |
| - | 9543 | cesium with metal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 18:03 |
| - | 17783 | antimony with metal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 18:05 |
| - | 17783 | antimony with metal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 18:58 |
| - | 90 | liquid with avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 19:04 |
| - | 9 | 3,118,130 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 19:03 |
| - | 3 | ("3,118,130").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 19:03 |
| - | 37 | avalanche and liquid with (amplif\$8) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 19:06 |
| - | 16480 | avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 19:06 |
| - | 37 | avalanche and liquid with (amplif\$8) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 19:06 |
| - | 37 | avalanche and liquid with (amplif\$8) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 20:06 |
| - | 2070624 | liquid (argon xenon) with temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:05 |
| - | 2 | ("4493096").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 20:23 |

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| - | 2 | ("5692507").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 20:29 |
| - | 1 | ("5692507").PN.) and collimator | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 20:29 |
| - | 0 | ("5692507").PN.) and collimator same (advant\$6 improv\$6 benef\$6 preven\$5 gain\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 20:30 |
| - | 742 | liquid with (argon xenon) with temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:06 |
| - | 9 | liquid with (argon xenon) with (kelvin celsius) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:07 |
| - | 0 | liquid with (xenon) with (kelvin celsius) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:07 |
| - | 0 | liquid with (xenon) same (kelvin celsius) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:07 |
| - | 891 | liquid with (xenon) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:07 |
| - | 111 | liquid with (xenon) with temperature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/11 21:07 |
| - | 8 | 5635706.pn. 4339659.pn. 3394261.pn. 5308987.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/16 19:00 |
| - | 4 | 5635706.pn. 4339659.pn. 3394261.pn. 5308987.pn. | USPAT | 2003/05/17 20:37 |
| - | 77 | (313/536).CCLS. | USPAT | 2003/05/17 19:21 |
| - | 41 | (313/535).CCLS. | USPAT | 2003/05/17 19:22 |
| - | 114 | (313/534).CCLS. | USPAT | 2003/05/17 19:22 |
| - | 886 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) | USPAT | 2003/11/19 17:11 |
| - | 663 | avalanche adj anode.bi. photocathode.ab. | USPAT | 2003/05/17 19:50 |
| - | 3 | avalanche adj anode.bi. and photocathode.ab. | USPAT | 2003/05/17 19:53 |
| - | 0 | avalanche adj cathode.bi. and photocathode.ab. | USPAT | 2003/05/17 19:53 |
| - | 51 | avalanche.bi. and photocathode.ab. | USPAT | 2003/05/17 19:55 |
| - | 10114 | avalanche amplifier.bi. and photocathode.ab. | USPAT | 2003/05/17 19:55 |
| - | 0 | avalanche adj3 amplifier.bi. and photocathode.ab. | USPAT | 2003/05/17 19:55 |
| - | 0 | avalanche adj3 amplify.bi. and photocathode.ab. | USPAT | 2003/05/17 19:58 |
| - | 9911 | avalanche.bi. x-ray.bi. and photocathode.ab. | USPAT | 2003/05/17 19:58 |

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| - | 17 | avalanche.bi. and x-ray.bi. and photocathode.ab. | USPAT | 2003/05/17 20:01 |
| - | 1019 | (250/214vt).CCLS. | USPAT | 2003/05/17 20:02 |
| - | 339 | day-michael-h.xp. | USPAT | 2003/05/17 20:37 |
| - | 766 | patel-ashok.xp. | USPAT | 2003/05/17 20:37 |
| - | 39 | patel-ashok.xp. and adapted.clm. | USPAT | 2003/05/17 20:37 |
| - | 22 | day-michael-h.xp. and adapted.clm. | USPAT | 2003/05/17 20:38 |
| - | 265 | (250/389).CCLS. | USPAT; EPO; JPO; IBM_TDB | 2003/05/19 12:22 |
| - | 0 | ((250/389).CCLS.) AND GAS AND PHOTOTUBE.BI. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 12:24 |
| - | 0 | ((250/389).CCLS.) AND PHOTOTUBE.BI. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 13:11 |
| - | 1 | 6477223.pn. | USPAT | 2003/05/19 13:11 |
| - | 0 | 6477223.pn. and grazing.bi. | USPAT | 2003/05/19 13:13 |
| - | 3 | method and device and planar and beam and radiography and radiation and detector.ti. | DERWENT | 2003/05/19 13:13 |
| - | 1 | 2002-352052.NRAN. | DERWENT | 2003/05/19 13:14 |
| - | 23 | francke-tom.in. peskov-vladimir.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 13:17 |
| - | 0 | (francke-tom.in. peskov-vladimir.in.) and (graz\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 13:17 |
| - | 3 | (francke-tom.in. peskov-vladimir.in.) and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 13:17 |
| - | 0 | photocathode.ab. and photocathode same protective adj layer same metallic and x-ray | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 15:23 |
| - | 2 | photocathode.ab. and photocathode same protective adj layer same metallic | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/05/19 15:23 |

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| - | 45 | (US-4151005-\$ or US-4691099-\$ or US-3917950-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6472664-\$ or US-6462324-\$ or US-6414317-\$ or US-6320181-\$ or US-6297489-\$ or US-6198221-\$ or US-6194701-\$ or US-6169360-\$ or US-5997713-\$ or US-5917282-\$ or US-5917281-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-4814599-\$).did. or (US-4806827-\$ or US-6380674-\$ or US-6329753-\$ or US-6265812-\$ or US-6262521-\$ or US-5686721-\$ or US-5083017-\$ or US-4628273-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3825922-\$ or US-3814964-\$ or US-3760216-\$).did. or (US-20010024484-\$ or US-20010040937-\$).did. or (WO-9923859-\$).did. | USPAT; US-PGPUB; EPO | 2003/10/07 10:14 |
| - | 37 | (US-3387137-\$ or US-3394261-\$ or US-3669550-\$ or US-3506868-\$ or US-3433944-\$ or US-3387162-\$ or US-3387137-\$ or US-3278751-\$ or US-3260876-\$ or US-3244922-\$ or US-3243642-\$ or US-3243628-\$ or US-3235765-\$ or US-3233140-\$ or US-3197663-\$ or US-3201630-\$ or US-3183390-\$ or US-3066239-\$ or US-3052797-\$ or US-3001098-\$ or US-2925511-\$ or US-2920205-\$ or US-2867729-\$ or US-2866914-\$ or US-2849635-\$ or US-2692948-\$).did. or (US-2692341-\$ or US-2676282-\$ or US-2617955-\$ or US-2537150-\$ or US-2410822-\$ or US-2217860-\$ or US-2213554-\$ or US-2206713-\$ or US-2177259-\$ or US-2107782-\$ or US-1811024-\$ or US-1759915-\$).did. | USOCR | 2003/10/07 10:05 |
| - | 6 | ((US-4151005-\$ or US-4691099-\$ or US-3917950-\$ or US-3753023-\$ or US-3710125-\$ or US-3700947-\$ or US-3631303-\$ or US-3573464-\$ or US-6477223-\$ or US-6472664-\$ or US-6462324-\$ or US-6414317-\$ or US-6320181-\$ or US-6297489-\$ or US-6198221-\$ or US-6194701-\$ or US-6169360-\$ or US-5997713-\$ or US-5917282-\$ or US-5917281-\$ or US-5598062-\$ or US-5581151-\$ or US-5568013-\$ or US-5491380-\$ or US-5410211-\$ or US-4814599-\$).did. or (US-4806827-\$ or US-6380674-\$ or US-6329753-\$ or US-6265812-\$ or US-6262521-\$ or US-5686721-\$ or US-5083017-\$ or US-4628273-\$ or US-4523091-\$ or US-4431943-\$ or US-4086487-\$ or US-3912522-\$ or US-3898499-\$ or US-3825922-\$ or US-3814964-\$ or US-3760216-\$).did. or (US-20010024484-\$ or US-20010040937-\$).did. or (WO-9923859-\$).did.) and photocathode and avalanche | USPAT; US-PGPUB; EPO | 2003/10/07 10:15 |

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| - | 55 | francke-tom.in. peskov-vladimir.in. Xcounter-ab.as. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:24 |
| - | 7 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode and (avalanche amplifier) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:25 |
| - | 2 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode and (avalanche amplifier) and graz\$6 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:26 |
| - | 2 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode and (avalanche amplifier) and graz\$6 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:37 |
| - | 319900 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode and (avalanche amplifier) and graz\$6 angle.clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:30 |
| - | 0 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode and (avalanche amplifier) and graz\$6 and angle.clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:30 |
| - | 1 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode.clm. and (avalanche amplifier).clm. and (radiation adj entrance).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:37 |
| - | 0 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode.clm. and (avalanche amplifier).clm. and (radiation adj entrance).clm. and incidence.clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:37 |
| - | 1 | (francke-tom.in. peskov-vladimir.in. Xcounter-ab.as.) and photocathode.clm. and (avalanche amplifier).clm. and (radiation adj entrance).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/18 20:21 |
| - | 0 | 6627897.pn. and photocathode.clm. and (avalanche amplifier).clm. and (radiation adj entrance).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:40 |
| - | 0 | 6627897.pn. and photocathode.clm. and (avalanche amplifier).clm. and (entrance).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:40 |
| - | 0 | 6627897.pn. and photocathode.clm. and (avalanche amplifier).clm. and (window).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:40 |
| - | 0 | 6627897.pn. and photocathode.clm. and (avalanche amplifier).clm. and (opening).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/10/07 10:40 |
| - | 1 | 2867729.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/18 14:02 |

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| - | 45 | (US-6477223-\$ or US-6472664-\$ or US-6380674-\$ or US-6414317-\$ or US-6462324-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6265812-\$ or US-6262521-\$ or US-6198221-\$ or US-5491380-\$ or US-5917282-\$ or US-6194701-\$ or US-5997713-\$ or US-6169360-\$ or US-5686721-\$ or US-5917281-\$ or US-5598062-\$ or US-5568013-\$ or US-5581151-\$ or US-4806827-\$ or US-4814599-\$ or US-5083017-\$ or US-5410211-\$ or US-4523091-\$).did. or (US-4628273-\$ or US-4691099-\$ or US-3912522-\$ or US-3917950-\$ or US-4431943-\$ or US-4086487-\$ or US-4151005-\$ or US-3814964-\$ or US-3825922-\$ or US-3898499-\$ or US-3760216-\$ or US-3710125-\$ or US-3753023-\$ or US-3573464-\$ or US-3631303-\$ or US-3700947-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did. | USPAT; US-PGPUB; EPO | 2003/11/18 20:31 |
| - | 37 | (US-3506868-\$ or US-3669550-\$ or US-3278751-\$ or US-3387137-\$ or US-3387162-\$ or US-3244922-\$ or US-3433944-\$ or US-3260876-\$ or US-3183390-\$ or US-3197663-\$ or US-3201630-\$ or US-3233140-\$ or US-3235765-\$ or US-3243628-\$ or US-3243642-\$ or US-2920205-\$ or US-2925511-\$ or US-3001098-\$ or US-3052797-\$ or US-2867729-\$ or US-3066239-\$ or US-2676282-\$ or US-2692341-\$ or US-2692948-\$ or US-2849635-\$ or US-2537150-\$).did. or (US-2866914-\$ or US-2617955-\$ or US-1811024-\$ or US-2107782-\$ or US-2177259-\$ or US-2206713-\$ or US-2213554-\$ or US-2217860-\$ or US-2410822-\$ or US-1759915-\$ or US-3387137-\$ or US-3394261-\$ or US-2867729-\$).did. | USOCR | 2003/11/18 14:02 |
| - | 34 | ((US-6477223-\$ or US-6472664-\$ or US-6380674-\$ or US-6414317-\$ or US-6462324-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6265812-\$ or US-6262521-\$ or US-6198221-\$ or US-5491380-\$ or US-5917282-\$ or US-6194701-\$ or US-5997713-\$ or US-6169360-\$ or US-5686721-\$ or US-5917281-\$ or US-5598062-\$ or US-5568013-\$ or US-5581151-\$ or US-4806827-\$ or US-4814599-\$ or US-5083017-\$ or US-5410211-\$ or US-4523091-\$).did. or (US-4628273-\$ or US-4691099-\$ or US-3912522-\$ or US-3917950-\$ or US-4431943-\$ or US-4086487-\$ or US-4151005-\$ or US-3814964-\$ or US-3825922-\$ or US-3898499-\$ or US-3760216-\$ or US-3710125-\$ or US-3753023-\$ or US-3573464-\$ or US-3631303-\$ or US-3700947-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and ("SiO.sub.2" glass silica) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/18 14:03 |

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| - | 31 | francke-tom.in. peskov-vladimir.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/18 20:21 |
| - | 45 | (US-6477223-\$ or US-6472664-\$ or US-6380674-\$ or US-6414317-\$ or US-6462324-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6265812-\$ or US-6262521-\$ or US-6198221-\$ or US-5491380-\$ or US-5917282-\$ or US-6194701-\$ or US-5997713-\$ or US-6169360-\$ or US-5686721-\$ or US-5917281-\$ or US-5598062-\$ or US-5568013-\$ or US-5581151-\$ or US-4806827-\$ or US-4814599-\$ or US-5083017-\$ or US-5410211-\$ or US-4523091-\$).did. or (US-4628273-\$ or US-4691099-\$ or US-3912522-\$ or US-3917950-\$ or US-4431943-\$ or US-4086487-\$ or US-4151005-\$ or US-3814964-\$ or US-3825922-\$ or US-3898499-\$ or US-3760216-\$ or US-3710125-\$ or US-3753023-\$ or US-3573464-\$ or US-3631303-\$ or US-3700947-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did. | USPAT; US-PGPUB; EPO | 2003/11/18 20:31 |
| - | 15 | ((US-6477223-\$ or US-6472664-\$ or US-6380674-\$ or US-6414317-\$ or US-6462324-\$ or US-6329753-\$ or US-6297489-\$ or US-6320181-\$ or US-6265812-\$ or US-6262521-\$ or US-6198221-\$ or US-5491380-\$ or US-5917282-\$ or US-6194701-\$ or US-5997713-\$ or US-6169360-\$ or US-5686721-\$ or US-5917281-\$ or US-5598062-\$ or US-5568013-\$ or US-5581151-\$ or US-4806827-\$ or US-4814599-\$ or US-5083017-\$ or US-5410211-\$ or US-4523091-\$).did. or (US-4628273-\$ or US-4691099-\$ or US-3912522-\$ or US-3917950-\$ or US-4431943-\$ or US-4086487-\$ or US-4151005-\$ or US-3814964-\$ or US-3825922-\$ or US-3898499-\$ or US-3760216-\$ or US-3710125-\$ or US-3753023-\$ or US-3573464-\$ or US-3631303-\$ or US-3700947-\$).did. or (US-20010040937-\$ or US-20010024484-\$).did. or (WO-9923859-\$).did.) and avalanche photocathode.ab,ti,clm. and avalanche adj amplifier.ab,ti,clm. | USPAT; US-PGPUB; EPO | 2003/11/18 20:32 |
| - | 4 | photocathode.ab,ti,clm. and avalanche adj amplifier.ab,ti,clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/19 10:19 |
| - | 4 | photocathode.ab,ti,clm. and avalanche adj amplifier.bi. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/19 10:19 |
| - | 116 | photocathode.ab,ti,clm. and avalanche.bi. not (photocathode.ab,ti,clm. and avalanche adj amplifier.bi.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/19 10:20 |

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| - | 3 | photocathode.ab,ti,clm. and avalanche.bi. same dynode.bi. not (photocathode.ab,ti,clm. and avalanche adj amplifier.bi.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 10:20 |
| - | 3 | photocathode.ab,ti,clm. and avalanche.bi. same dynode.bi. not (photocathode.ab,ti,clm. and avalanche adj amplifier.bi.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 10:30 |
| - | 68 | photocathode.ab,ti,clm. and avalanch\$5.bi. same (amplif\$7 multiplic\$7) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 11:45 |
| - | 1 | 5654536.pn. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 11:45 |
| - | 1 | 5654536.pn. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 12:39 |
| - | 1 | 5654536.pn. and avalanche | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 12:42 |
| - | 1 | 5654536.pn. and envelope | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 12:48 |
| - | 1 | 5568013.pn. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 13:27 |
| - | 1 | 5568013.pn. and (vacuum evacu\$6) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 13:33 |
| - | 1 | 5568013.pn. and electron and multipl\$8 and avalanche | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 13:42 |
| - | 7 | photocathode.ab,ti,clm. and electron adj avalanche adj multiplication | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 13:44 |
| - | 1 | photocathode.ab,ti,clm. and electron adj avalanche adj multiplication not gas | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 13:44 |
| - | 8 | photocathode.ab,ti,clm. and avalanche adj (amplicif\$9 multipl\$9) not gas | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 14:50 |
| - | 1 | 5568013.pn. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 14:59 |
| - | 1 | 5568013.pn. and (25a 24a) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 15:56 |
| - | 1494 | photocathode.ab,ti,clm. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 17:35 |
| - | 0 | photocathode.ab,ti,clm. and translucent adj glass | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 15:58 |

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| - | 37 | photocathode.ab,ti,clm. and transparent adj glass | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 15:58 |
| - | 6 | photocathode.ab,ti,clm. and opaque adj glass | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 15:59 |
| - | 1494 | photocathode.ab,ti,clm. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 15:58 |
| - | 6 | photocathode.ab,ti,clm. and opaque adj glass | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 16:10 |
| - | 22 | photocathode.ab,ti,clm. and photocathode same facing same photomultiplier | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 16:10 |
| - | 9 | photocathode.ab,ti,clm. and photocathode with facing with photomultiplier | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/11/19 16:11 |
| - | 906 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) | USPAT; US-PGPUB | 2003/11/19 17:28 |
| - | 900 | ((313/532) or (313/538) or (313/541) or (313/544) or (313/103R)).CCLS.) | USPAT | 2003/11/20 12:40 |
| - | 124 | photocathode.ab,ti,clm. and avalanche | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 17:35 |
| - | 53 | photocathode.ab,ti,clm. and avalanche and (face facing) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 17:59 |
| - | 3024 | forsterite | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:02 |
| - | 12 | forsterite near2 transparent | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:04 |
| - | 0 | forsterite near2 opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:02 |
| - | 3024 | forsterite | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:05 |
| - | 2 | forsterite and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:05 |
| - | 2 | forsterite and photocathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:08 |

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| - | 1529 | olivine | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:08 |
| - | 246 | "1529" and opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:08 |
| - | 6 | olivine with opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:09 |
| - | 6 | olivine with opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:09 |
| - | 6 | olivine with opaque | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:12 |
| - | 71 | (photocathode.ab,ti,clm. and avalanche) not (photocathode.ab,ti,clm. and avalanche and (face facing)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/19 18:12 |